

## A b s t r a c t

Article with a layer composite exhibiting a first non-metallic layer and a second metallic layer applied thereon, the first non-metallic layer containing at least one polymer and the boundary present between the non-metallic and the metallic layer exhibiting a roughness with an  $R_a$  value of maximum 5  $\mu\text{m}$ , an adhesive strength of at least 12  $\text{N/mm}^2$ , and a standard deviation of the adhesive strength at six different measured value points distributed over the surface of the layer composite of maximum 25 % of the arithmetic mean as well as a process for its production and use.

Fig. 3